SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: **ReinoldMax StopFire (500 ml, 750 ml, 1000 ml)**

UFI code: 8500-F0Y3-W00Q-T0VU

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses: the product is considered for extinguishing fires of fire classes A3 (ordinary combustibles like wood, paper, textiles), B21 (flammable liquids like gasoline, alcohol), F5 (grease and fats). Spray to extinguish small fires. Suitable to extinguish electrical appliances up to 1000V. Detailed use descriptor system provided 16.2. section.

Uses advised against: Not recommend use out of scope.

1.3. Details of the supplier of the safety data sheet

Company name:	JSC MERSETA
Street:	K. Dulksnio 9
Place:	LT-53304 Narsieciai, Kaunas, Lithuania
Telephone:	+370 37 393666
Telefax:	+370 37 393655
E-mail:	export@merseta.lt
Website:	www.reinoldmax.com

E-mail of the responsible person for the safety data sheet: info@reachandclp.com

1.4. Emergency telephone number

In case of emergency contact your local healthcare provider (poison centre). Below is a list of nationally appointed bodies and their contact details for direct inquiries in relation to the submission of information for the purpose of emergency health response.

Full list contacts of National Appointed Bodies (and/or Poison Centre's) across the EU please see: https://poisoncentres.echa.europa.eu/appointed-bodies

Austria	Poisons Information Centre	+43 1 406 43 43
Belgium	Centre Antipoisons	+32022649636
Bulgaria	Temporary body - Ministry of Health	+359 2 9301214
Croatia	Croatian Institute of Public Health, Division for Toxicology	+38514686910
Cyprus	Ministry of Labour, Welfare and Social Insurance, Department of Labour Inspection	+35722405611
Czech Republic	Ministry of Health of the Czech Republic Chemical Substances and Biocidal Products Unit	+420267082257
Denmark	Danish Environmental Protection Agency	+45 72 54 40 00
Estonia	Health Board	+372 794 3500
Finland	Finnish Safety and Chemicals Agency (Tukes)	+358 5052 000
France	French National Products and Composition Database (B.N.P.C.); French Poison and toxicovigilance Centre Network	+ 33 3 83 85 21 92
Germany	German Federal Institute for Risk Assessment	+49-30-18412-0
Greece	Hellenic Republic Independent Authority for Public Revenue D.G. of the General Chemical State Laboratory Directorate of Energy, Industrial and Chemical Products	+302106479250
Hungary	National Public Health Center	+36 (1) 476 1135
Iceland	Poisons Information Center - Icelandic University Hospital	+354 543 22 22
Ireland	National Poisons Information Centre	not provided
Italy	Istituto Superiore di Sanità (ISS)	not provided
Latvia	State Ltd "Latvian Environment, Geology and Meteorology Centre"	+371 67032600
Liechtenstein –	Not provided	not provided
Luxembourg	Centre Antipoisons (BE) on behalf of Ministère-Direction de la Santé	+320 22649636

Malta	Malta Competition and Consumer Affairs Authority (MCCAA)	+356 2395 2000
Netherlands	National Poisons Information Center	+31 88 75 585 61
Norway	Norwegian Poison Information Centre	+47 21 07 70 00
Poland	Bureau for Chemical Substances	+48 42 2538 400
Portugal	Centro de informação antivenenos	+351213303271
Romania	National Institute for Public Health, Ministry of Health	+40213183606
Slovakia	National Toxicological Information Centre	+421 2 5465 2307
Slovenia	Centre for Clinical Pharmacology and Toxicology, Division of Internal Medicine, University Medical Centre Ljubljana	+ 386 1 522 1293
Spain	Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)	+34 917689800
Sweden	Swedish Poisons Information Centre	+46104566750

For more precise information about National Poison Centres please contact with your National Helpdesk. The list of helpdesks across the EU please sees: https://echa.europa.eu/support/helpdesks.

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Products is classified as hazardous according to Regulation (EC) No 1272/2008 and its amendments and / or contain dangerous ingredients above the generic or specific concentration limits, thus Safety Data Sheet, in accordance with Annex II and Article 31 of Regulation EC 1907/2006 (including latest consolidated version and amendments) have been provided.

2.2. Label elements

Pictogram
None

Signal word
ATTENTION

Hazard statements:
H229 The container is under pressure: may burst when heated

Precautionary statements:
P102 Keep out of the reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Do not pierce or burn, even after use
P410 + P412 Protect from direct sunlight and do not expose to temperatures above 50 °C / 122 °F

2.3. Other hazards

PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	EC-No.	CAS-No.	Quantity %	Classification according to Regulation (EC)	REACH – Registration number
2-(2-Butoxyethoxy)-ethanol	203-961-6	112-34-5	0,3 – 0,5	Eye Irrit. 2 (H319)	No data available
Alcohols, C6-12,				Skin Irrit. 2, Eye	No data available

Chemical name	EC-No.	CAS-No.	Quantity %	Classification according to Regulation (EC)	REACH – Registration number
ethoxylated, sulfate, sodium salt	500-485-3	161025-28-1	0 - 0,1	Dam. 1; H315, H318	
Sodium Octyl Sulfate	205-535-5	142-31-4	0 - 0,1	Skin Irrit. 2, Eye Irrit. 2; H315, H319	No data available
Water	--	7732-18-5	98,00	none	No data available

See section 16 for the full text of the H statements declared above.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

General Information: it is recommended to take off contaminated clothes before using next time, washed / cleaned using the appropriate washing / cleaning agents. First aid personnel should pay attention to their own safety. It is recommended to use personal protective equipment when providing first aid to victims. Providing first aid you must avoid direct contact with the product. Mixing exposure symptoms may not occur immediately. Please have a safety data sheet or label, when you go to the doctor.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove things how can block breathing (scarf, kerchief, etc.).

On contact with eyes: Do not scrub eyes; wash affected eyes for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present and easy to do. Continue rising. Get medical attention from a specialist.

On skin contact: Rinse with plenty of water using the appropriate detergent (soap, body wash, etc.).. If the symptoms occur consult with the doctor.

If swallowed: If swallowed, Do not induce vomiting without medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact: may cause eye irritation.
Ingestion: unlikely but possible mild throat irritation.
Skin contact: unlikely but possible mild irritation.
Inhale: unlikely but possible mild breath trails irritation.

4.3. Indication of any immediate medical attention and special treatment needed:

Treatment is symptomatic. If there were inspired or ingested a large quantity of the product, contact a poison control center.

SECTION 5: Fire Fighting Measures

5.1.Extinguishing media

Suitable extinguishing media: solution is an extinguishing agent. The product is not flammable. Adjust the firefighting measures to the surroundings.

Unsuitable extinguishing media: unknown.

5.2. Special hazadrds arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products or resulting gases: unknown.

5.3. Advice for firefighters
Take of the cap, point and spray by using "Stop-Spray-Stop" method. This product does not require any special training before use. Usage and handling instructions are mentioned on package.

SECTION 6: Accidental release measures

6.1. Personal precautions
6.1.1. For non-emergency personnel: Use personal protective equipment as described in Section 8 and comply with the safety requirements of Section 7.
6.1.2. For emergency responders: In case of spills stop the work. Evacuate people from the polluted area to safe area. Avoid contact with skin, eyes, and inhalation. Wear protective or special working clothing.

6.2. Environmental precautions Inform appropriate authorities if large amounts enter drains. Stop leak if safe to do so. Avoid release to the environment

6.3. Methods for cleaning up Wipe the foam with the cloth away with absorbent material (such as cloth, fleece). After cleaning, rinse with water.

6.4. Reference to other sections Observe for personal protection equipment in Section 8. Observe about the product removal in Section 13.

SECTION 7: Handling and Storage

7.1. Safe handling Wash hands with soap after using fire extinguishing spray. Avoid contact with eyes. Protect pressurized container from the sunlight. Do not keep at the temperature over +50ºC. Do not punch or burn the container after the use. Aluminum can is recyclable.
Information on aerosols prevention: Avoid high vapor concentrations in the air. Use appropriate personal protective equipment as indicated in Section 8.

Environmental precautions: Do not allow enter to drains, surface water, ground water, drainage systems. Avoid release to the environment.

7.1.2. Advice on general occupational hygiene: Not to eat, drink and smoke in work area. Wash hands after use. Avoid contact with the skin and eyes. Do not inhalation. Do not swallow.

7.2. Safe storage Storage temperature range is from 0ºC to +50ºC.

7.3. Specific end use(s): 36 months. Expiry date is marked on the bottom of the can.

SECTION 8: Exposure Control and Personal Protection

8.1. Parameters to be monitored None.

8.2. Exposure controls

8.2.1. Appropriate engineering controls:
Impact: employment for an unlimited duration (up to 480 minutes per shift, 5 shifts per week).
Ensure that eyewash stations and safety showers are close to the workstation location, avoid spill.
8.2.2. Individual protection measures, such as personal protective equipment: Avoid directly contact with the product. Wear suitable personal protective equipment. When using does not eat, drink or smoke. Before breaks and after work wash hands using appropriate tools (soap, etc.). Remove contaminated clothing and protective equipment after work or before breaks.

8.2.2. Individual protection measures, such as personal protective equipment: Avoid directly contact with the product. Wear suitable personal protective equipment. When using does not eat, drink or smoke. Before breaks and after work wash hands using appropriate tools (soap, etc.). Remove contaminated clothing and protective equipment after work or before breaks.

Eyes/face protection

It‘s recommended to wear safety glasses and avoid get mixture into eyes (LST EN 166).

Hand protection

It‘s recommended to wear chemical protective gloves. Gloves material must be resistant to the mixture effects (e.g. Nitrile rubber LST EN 374). Check protective gloves prior to each use for their proper condition. Choose gloves to protect hands against chemicals, depending on the concentration and quantity of the hazardous substance and specific to place of work.

Skin protection

It‘s recommended to wear shoes, and long-sleeved clothing. Avoid the mixture get in to the shoes. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Recommend to wear antistatic protective clothing.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Color	Light straw color
Odor	Characteristic
pH (at 20ºC)	6,5-8,5
Freezing point	-1ºC
Boiling point	100ºC
Oxidizing ability	Non-corrosive
Vapor tension (at 20ºC)	1 Mpa
Flash point	Inapplicable
Flammability	Non-flammable
Self-ignition ability	Inapplicable
Upper-explosion limit	Inapplicable
Lower-explosion limit	Inapplicable
Density (at 20ºC)	1 g/cm3
Solubility in water	100% soluble
Solubility in fats	Inapplicable
Continuous working time	20-30 sec.
Length of sprayed flow	3-4 meters
Temperature range	0ºC to +50ºC
Gas propellant	Nitrogen (N2)

9.2. Other information

Not data.

SECTION 10: Stability and Reactivity

10.1. Reactivity There are no known conditions that are likely to result in a hazardous situation.

10.2. Chemical stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions None.

10.4. Conditions to avoid Do not keep at the temperature over +50ºC.

10.5. Incompatible materials Oxidizing agents, acids, alkalis.

10.6. Hazardous decomposition No data available.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity: The product does not classified as acute toxicity/ harmful by oral, dermal or inhale according CLP regulation.

Irritation: The product is not classified as irritation according CLP regulation criteria.

Corrosion: The product is not classified as eyes corrosion according CLP regulation criteria.

Sensitisation: The product is not classified as skin sensitisation according CLP regulation criteria.

Respiratory sensitisation: The product is not classified as respiratory sensitizer according CLP regulation criteria.

Mutagenicity: The product is not classified as mutagenicity according CLP regulation criteria.

Reproductive toxicity: The product is not classified as reproductive toxicity according CLP regulation criteria.

Carcinogenicity: The product is not classified as carcinogenicity according CLP regulation criteria

Development toxicity: The product is not classified as development toxicity according CLP regulation criteria.

STOT SE: The product is not classified as STOT (SE) according CLP regulation criteria.

STOT RE: The product is not classified as STOT (RE) according CLP regulation criteria.

Aspiration toxicity: The product is not classified as aspiration toxicity according CLP regulation criteria.

11.2. Information on other hazards
11.2.1. Endocrine disrupting properties
The product does not have endocrine-disrupting properties.
11.2.2. Other information
No data.

SECTION 12: Ecological Information

12.1. Toxicity
Zero percent of the mixture consists of components with unknown water hazard.

12.2. Persistence and degradability

There is no information.

12.3. Biokkumulationspotenzial
This solution contains a few organic fluorchemicals that have the potential to resist degradation and remain in the environment. Amount of hazardous components is too small to involve mixture to be dangerous.

12.4. Mobility in the ground
There is no information.

12.5. Results of PBT and vPvB assessment
PBT: Not applicable;
vPvB: Not applicable.

12.6. Endocrine-disrupting properties:
not classified as an endocrine-disrupting agent.

12.7. Other adverse effects:
adverse effects are not expected with proper handling.

SECTION 13: Disposal Considerations

Waste treatment methods
Recommendations: Not allows dispose into drainage systems or into the environment. As well do not dispose on household waste. Waste should not be disposed of by release to sewers. Disposal shall be in accordance with EU / national regulations. Combustible material may be burned in a chemical incinerator equipped with afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to a dispose of this material.

Waste code: 16 05 05
Gases in pressure vessels other than those mentioned in 16 05 04.

Waste key number for packaging: 15 01 04, metal packaging.

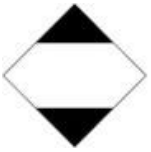
SECTION 14: Transport Information

Land transport (ADR/RID):

14.1. UN-Number: 1950

14.2. UN proper shipping name: AEROSOLS non-flammable 2.2

14.3. Transport hazard class(es): 2.2
Hazard label:



14.4. Packing group: -
14.5. Environmental hazards
Danger for environment: No

14.6 Special precaution
Classification code: 5A

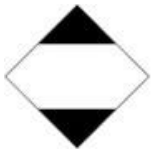
Special Provisions: 190, 327
Limited quantity: 1 L
Packing instructions: P207
Transport category: 2.2
Packaging: May be packed together in an outer packaging for combination packaging:
with other goods of Class 2;
with goods of other classes;
the mixed packing with goods which are not
ADR is permitted.
Other information: non-oxidizing, non-flammable, non-toxic, non-corrosive, non- asphyxiant.

Maritime transport IMDG:

14.1. UN-Number: 1950

14.2. UN proper shipping name: AEROSOLS non-flammable 2.2

14.3. Transport hazard class(es): 2.2
Hazard label:



14.4. Packing group: -

14.5. Environmental hazards
Danger for environment: No
Marine pollutant: No

14.6 Special precaution
Special Provisions: 63,190, 327
Limited quantities: SP277
Packing instructions: P207
Stowage and handling: SW1, SW22
MS No: F-D, S-U

No other applicable information (marine transport).

Inland waterway transport ADN:

14.1. UN-Number: 1950

14.2. UN proper shipping name: AEROSOLS non-flammable 2.2

14.3. Transport hazard class(es): 2.2
Hazard label:

14.4. Packing group: -

14.5. Environmental hazards
Danger for environment: No
14.6 Special precaution

Classification code (RID) : 5A
Special Provisions: 19, 327
Limited quantities (RID) : 1L
Mixed packing provisions (RID): MP9
Transport category (RID) : 2

Air transport IATA:

14.1. UN-Number: 1950

14.2. UN proper shipping name: AEROSOLS non-flammable 2.2

14.3. Transport hazard class(es): 2.2
Hazard label:

14.5. Environmental hazards
Danger for environment: No

14.6 Special precaution
PCA Limited quantities: Y203
PCA packing instructions: 203
PCA max net quantity: 75kg
CAO packing instructions: 203
CAO max net quantity: 150kg
Special provisions: A1

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific to the substance or mixture

· Section 355 (extremely hazardous substances): Substance is not listed.
· Section 313 (Specific toxic chemical listings): Substance is not listed.
· TSCA (Toxic Substances Control Act): Substance is not listed.
· Hazardous Air Pollutants: Substance is not listed.
· Chemicals known to cause cancer: Substance is not listed.
· Chemicals known to cause reproductive toxicity for females: Substance is not listed.
· Chemicals known to cause reproductive toxicity for males: Substance is not listed.
· Chemicals known to cause developmental toxicity: Substance is not listed.
· Chemicals known to cause deplete the ozone layer: Substance is not listed.
· Chemicals known to cause persistent organic pollutants: Substance is not listed.

– Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);
– COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);
– On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;

– COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016

15.2 Chemical Safety Assessment

In accordance with Regulation (EC) 1907/2006 (REACH) Article 14 a Chemical Safety Assessment not carried out.

SEECTION16. Other Information

16.1. Indication of changes

Information contained in the Regulation 1907/2006/EC with the Regulation 2020/878 as amended.
Revision: 17-02-2023.
Version: 2

16.2. Relevant identified uses of the substance or mixture

Use descriptor system:

Sectors of use (SU)

SU21	Consumer uses: Private households (= general public = consumers)
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

16.3. Abbreviations and acronyms

ACGIH – American Conference of Industrial Hygienists
ADR/RID European agreement concerning the international carriage of dangerous goods by Road/ Rail.
PPE Personal protective equipment
CAS Chemical Abstracts Service
CLP Regulation of classification, labeling and packaging (EB) No. 1272/2008
DNEL The derived no-effect level
EC50 Term half maximal effective concentration
ECHA The European Chemicals Agency
EINECS European Inventory of Existing Commercial chemical Substances
EWC European Waste Catalogue
ERC Environmental Release Categories
IARC – The International Agency for Research on Cancer
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
LTEL Long Term Exposure Limit
LC50 The median lethal dose
MS Member states
NTP – Nacional toxicity program
N/E – Excluded
OELV Occupational Exposure Limit Values
OSHA – Occupational Safety and Health Administration
PBT Persistent Bioaccumulative and Toxic substances
PNEC The Predicted No Effect Concentration
PROC Process category
PC Chemical Product category
RE repeated exposure
REACH Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
SCOEL The Scientific Committee on Occupational Exposure Limit
SDS Safety data sheet
SE single exposure
STP Sewage treatment plant
SU Sectors of use
STOT Specific target organ toxicity
TLV–TWA Threshold limit value - Time weighted average
STEL Short-term exposure limit

VLE Valeur Limite d'Exposition
vPvB Very persistent and very bioaccumulative

16.4. Literature references
http:///eippcb.jrc.es/reference/
http://echa.europa.eu
http://www.sinlist.org/
http://www.subsport.eu/
http://www.catsub.dk
http://osha.europa.eu/en/topics/ds
http://www.hse.gov.uk/coshh/essentials/index.htm
http://www.dguv.de/ifa/en/pra/ghs_spaltenmodell/index.jsp
http://www.substitution-cmr.fr/
http://www.mdsystem.com
European Chemicals Bureau (ECB), European Chemicals Agency (ECHA), Swedish Chemicals Agency (Kemi), The International Labour Organization (ILO), TOXNET databases.

16.5. All hazard statements (H) in the section 3:

Skin irritation	H315	Causes skin irritation
Serious eye irritation	H319	Causes serious eye irritation
Serious eye damage/eye irritation, 1 category	H318	Causes serious eye damage

16.6. Disclaimer
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.
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